

R v. 6 Oct. 1896 - Oct. 1897

CONTENTS.

GENERAL.

	PAGE
Scientific Weather Forecasting. By G. J. Symons, F.R.S. - - -	I
Sugar : The Outlook in the Colonies. By C. A. Barber, M.A. - -	129
Artificial Flight. By G. H. Bryan, F.R.S., Professor of Mathematics, University College, Bangor - - -	531

ANIMAL MORPHOLOGY.

Notes on Parasites. By A. E. Shipley, M.A., Fellow of Christ's College, Cambridge - - -	78
The Nervous System of Coelentera. By S. J. Hickson, F.R.S., Professor of Zoology in Owens College, Manchester - -	101
Selection in Man. By John Beddoe, F.R.S. - - -	167
The Causes of Variation. By H. M. Vernon, M.A., M.B., Merton College, Oxford - - -	229
A Remarkable Anticipation of Modern Views on Evolution. By E. B. Poulton, M.A., F.R.S., Hope Professor of Zoology in the University of Oxford - - -	278
Wind-Scorpions—A Brief Account of the Galeodidae. By H. M. Bernard, M.A. - - -	317
The Natural History of the Sea. By George Murray, F.R.S., Keeper of the Botanical Department of the British Museum - -	379
The Position of Sponges in the Animal Kingdom. By E. A. Minchin, M.A., Fellow of Merton College, Oxford - -	426
Recapitulation. By J. T. Cunningham, M.A. - - -	483
On Progress in the Study of Variation. By W. Bateson, M.A., F.R.S., Fellow of St. John's College, Cambridge - -	554
The Fauna of the Great African Lakes. By J. E. S. Moore, A.R.C.S. - - -	627
The Position of Sponges in the Animal Kingdom : A Correction. By E. A. Minchin, M.A., Fellow of Merton College, Oxford - -	642

BOTANY.

Teratology in Modern Botany. By K. Goebel, Ph.D., Professor of Botany in the University of Munich - - -	84
The Cell and some of its Constituent Structures. By J. Breland Farmer, M.A., Professor of Botany in the Royal College of Science, London - - -	141

	PAGE
The Glossopteris Flora. By A. C. Seward, M.A., Lecturer on Botany in the University of Cambridge - - - -	178
On the Physiology of Reproduction in Plants. By H. Marshall Ward, D.Sc., F.R.S., Professor of Botany in the University of Cambridge - - - -	241
The Diseases of the Sugar-Cane. By C. A. Barber, M.A., late Superintendent of Agriculture in the Leeward Isles - - -	297, 461
The Cell-Membrane. By J. Reynolds Green, Sc.D., F.R.S., Professor of Botany to the Pharmaceutical Society of Great Britain - - - -	344
The Red Pigment of Flowering Plants. By F. W. Keeble, B.A. - - - -	406
The Germination of Seeds. By F. Escombe - - - -	585

CHEMISTRY AND PHYSICS.

Condensation and Critical Phenomena. By J. P. Kuenen, Ph.D., Professor of Physics in University College, Dundee - - -	202, 258
Recent Values of the Magnetic Elements at the Principal Magnetic Observatories of the World. By Charles Chree, M.A., F.R.S., Superintendent of the Kew Observatory - - -	424
The Applications of Crystallography to Physical Chemistry. By W. J. Pope, Principal of the Chemical Department in the Goldsmiths' Institute, New Cross - - - -	569

GEOLOGY, MINERALOGY AND PALÆONTOLOGY.

The Natural History of Igneous Rocks. By Alfred Harker, M.A., Fellow of St. John's College, Cambridge - - - -	12
Palæobotany and Evolution. By A. C. Seward, M.A., University Lecturer in Botany in the University of Cambridge - - -	108
Liquid Crystals. By H. A. Miers, F.R.S., Professor of Mineralogy in the University of Oxford - - - -	119
The Origin of Lakes. By J. E. Marr, F.R.S., Fellow of St. John's College, Cambridge - - - -	218
The Geology of Mexico. By Philip Lake, M.A. - - - -	609

PATHOLOGY.

Blood and the Identification of Bacterial Species. By A. S. Grünbaum, M.D. - - - -	616
--	-----

PHYSIOLOGY.

Recent Work upon Visceral and Allied Nerves. By T. Gregor Brodie, M.D., Lecturer on Physiology at St. Thomas's Hospital, London - - - -	34
---	----

CONTENTS.

vii

The Coagulation of the Blood (III.). By W. D. Halliburton, M.D., F.R.S., Professor of Physiology in King's College, London - - - - -	PAGE 365
On the Relation between the Form and the Metabolism of the Cell. By Max Verworn, Ph.D., University of Jena - - -	370
The Venoms of the Toad and Salamander. By Richard T. Hewlett, M.B. - - - - -	397
Some Physiological Aspects of Hypnotism. By Francis Gotch, M.A., F.R.S., Waynflete Professor of Physiology in the University of Oxford - - - - -	511

APPENDIX.

Reviews of Books - - - - -	I., VII., XIX., XXIX., XXXIX.
----------------------------	-------------------------------

ALPHABETICAL LIST OF AUTHORS.

	PAGE
Barber, C. A. Sugar : The Outlook in the Colonies - - -	129
— The Diseases of the Sugar-Cape - - -	297, 461
Bateson, W. Variation - - -	554
Beddoe, John. Selection in Man - - -	167
Bernard, H. M. Wind-Scorpions - - -	317
Brodie, T. Gregor. Visceral and Allied Nerves - - -	34
Bryan, G. H. Artificial Flight - - -	531
Chree, Charles. Magnetic Elements - - -	424
Cunningham, J. T. Recapitulation - - -	483
Escombe, F. The Germination of Seeds - - -	585
Farmer, J. Bretland. The Cell - - -	141
Goebel, K. Teratology in Modern Botany - - -	84
Gotch, Francis. Physiological Aspects of Hypnotism - - -	511
Green, J. Reynolds. The Cell-Membrane - - -	344
Grünbaum, A. S. Blood and Identification of Bacterial Species - - -	616
Halliburton, W. D. The Coagulation of the Blood - - -	365
Harker, Alfred. Natural History of Igneous Rocks - - -	12
Hewlett, Richard T. The Venoms of the Toad and Salamander - - -	397
Hickson, S. J. The Nervous System of Coelentera - - -	101
Keeble, F. W. Red Pigment of Flowering Plants - - -	406
Kuenen, J. P. Condensation and Critical Phenomena - - -	202, 258
Lake, Philip. Geology of Mexico - - -	609
Marr, J. E. Origin of Lakes - - -	218
Miers, H. A. Liquid Crystals - - -	119
Minchin, E. A. Position of Sponges - - -	426, 642
Moore, J. E. S. Fauna of African Lakes - - -	627
Murray, George. The Natural History of the Sea - - -	379
Pope, W. J. Applications of Crystallography - - -	569
Poulton, E. B. Anticipation of Views on Evolution - - -	278
Seward, A. C. The Glossopteris Flora - - -	178
— Palaeobotany and Evolution - - -	108
Shipley, A. E. Notes on Parasites - - -	78
Symons, G. J. Weather Forecasting - - -	1
Vernon, H. M. The Causes of Variation - - -	229
Verworn, Max. Form and Metabolism of the Cell - - -	370
Ward, Marshall. Reproduction in Plants - - -	241

